eTrex® Legend C

color map navigator

owner's manual

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Preface

Thank you for choosing the Garmin eTrex Legend C handheld navigation system. This Owner's Manual and Reference Guide is comprised of the following sections:

Introduction — contains the Garmin software license agreement, FCC and safety information, the Table of Contents and an overview of the eTrex Legend C functional features.

Getting Started — takes you through installing batteries, using the unit control buttons, intialization of the GPS receiver, etc.

GPS Navigation — takes you through the process of navigating with your eTrex Legend C and how to use GPS Navigation to customize the operation of your eTrex Legend C.

GPS Features — provides detailed descriptions of additional GPS enhanced features such as the Calendar, Hunt and Fish, Sun and Moon and Games, Also included in this section are a few non-GPS features such as the Calculator, a non-GPS enhanced game, etc.

Appendix — provides you with additional information about your eTrex Legend C and an index by subject.

Preface

Contact Garmin

If you should encounter any difficulty while using your eTrex Legend C, or if you have any questions, in the U.S.A. contact Garmin Product Support by phone at 913-397-8200 or 800-800-1020, Monday – Friday, 8 am – 5 pm Central Time; or by e-mail at www.garmin.com/contactUs/techSupport.jsp.

In Europe, contact Garmin (Europe) Ltd. at Tel.44/0870.8501241 - Fax. 44/0870.8501251.

Recording Your Serial Number

Use this area to record the serial number in case it is lost, stolen, or needs service. Be sure to keep your original sales receipt in a safe place or attach a photocopy inside the manual. The 8-digit number is located in the battery compartment.

Serial Number:

☐☐☐☐☐☐☐☐

Product Registration

Connect to our website (www.garmin.com) and look for the Product Registration link on the Home Page and follow instructions for registration.

***NOTE:** If you have previously registered a Garmin product purchase, we invite you to re-register using our on-line system. Many services provided by our product registration system are automated and re-registering your purchase ensures you the best possible support from Garmin.*

Software License Agreement

Software License Agreement

BY USING THE eTrex Legend C, YOU AGREE TO BE BOUND BY THE TERMS AND CONDITIONS OF THE FOLLOWING SOFTWARE LICENSE AGREEMENT. PLEASE READ THIS AGREEMENT CAREFULLY.

Garmin grants you a limited license to use the software embedded in this device (the "Software") in binary executable form in the normal operation of the product. Title, ownership rights and intellectual property rights in and to the Software remain in Garmin.

You acknowledge that the Software is the property of Garmin and is protected under the United States of America copyright laws and international copyright treaties. You further acknowledge that the structure, organization and code of the Software are valuable trade secrets of Garmin and that the Software in source code form remains a valuable trade secret of Garmin. You agree not to decompile, disassemble, modify, reverse assemble, reverse engineer or reduce to human readable form the Software or any part thereof or create any derivative works based on the Software. You agree not to export or re-export the Software to any country in violation of the export control laws of the United States of America.

FCC Compliance Information

The eTrex Legend C complies with Part 15 of the FCC interference limits for Class B digital devices FOR HOME OR OFFICE USE. These limits are designed to provide more reasonable protection against harmful interference in a residential installation, and are more stringent than "outdoor" requirements.

Operation of this device is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The eTrex Legend C does not contain any user-serviceable parts. Repairs should only be made by an authorized Garmin service center. Unauthorized repairs or modifications could result in permanent damage to the equipment, and void your warranty and your authority to operate this device under Part 15 regulations.

Warnings and Precautions

CAUTION: Use the eTrex Legend C at your own risk. To reduce the risk of unsafe operation, carefully review and understand all aspects of this Owner's Manual — and thoroughly practice operation using the Demo Mode prior to actual use. When in actual use, carefully compare indications from the eTrex Legend C to all available navigation sources, including the information from other NAVAIDs, visual sightings, charts, etc. For safety, always resolve any discrepancies before continuing navigation.

CAUTION: IT IS THE USER'S RESPONSIBILITY TO USE THIS PRODUCT PRUDENTLY. THIS PRODUCT IS INTENDED TO BE USED ONLY AS A NAVIGATIONAL AID AND MUST NOT BE USED FOR ANY PURPOSE REQUIRING PRECISE MEASUREMENT OF DIRECTION, DISTANCE, LOCATION OR TOPOGRAPHY. THIS PRODUCT SHOULD NOT BE USED AS AN AID TO DETERMINE GROUND PROXIMITY FOR AIRCRAFT NAVIGATION.

CAUTION: The electronic chart is an aid to navigation and is designed to facilitate the use of authorized government charts, not replace them. Only official government charts and notices to mariners contain all information needed for safe navigation – and, as always, the user is responsible for their prudent use.

Warnings and Precautions

MAP DATA INFORMATION: One of the goals of Garmin is to provide customers with the most complete and accurate cartography that is available to us at a reasonable cost. We use a combination of governmental and private data sources, which we identify as required in product literature and copyright messages displayed to the consumer. Virtually all data sources contain inaccurate or incomplete data to some degree. This is particularly true outside the United States, where complete and accurate digital data is either not available or prohibitively expensive.

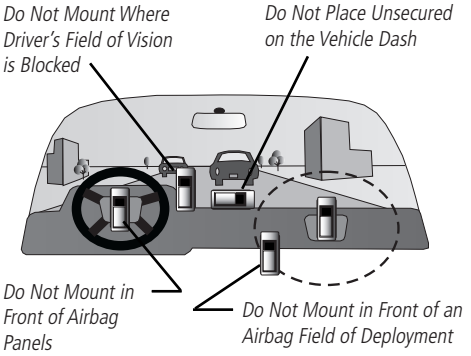
WARNING: The Global Positioning System (GPS) is operated by the United States government, which is solely responsible for its accuracy and maintenance. The system is subject to changes which could affect the accuracy and performance of all GPS equipment. Although the Garmin eTrex Legend C is a precision electronic NAVigation AID (NAVAID), any NAVAID can be misused or misinterpreted and, therefore, become unsafe.

WARNING: This product, its packaging, and its components contain chemicals known to the State of California to cause cancer, birth defects, or reproductive harm. This Notice is being provided in accordance with California's Proposition 65. If you have any questions or would like additional information, please refer to our web site at *http://www.garmin.com/prop65*.

Warnings and Precautions

Important

Because the Garmin eTrex Legend C can be used for vehicular navigation, important safety considerations must be observed. Please read and observe the instructions on this page.


Do Not Mount Where Driver's Field of Vision is Blocked
Do Not Place Unsecured on the Vehicle Dash
Do Not Mount in Front of Airbag Panels
Do Not Mount in Front of an Airbag Field of Deployment

Safety Warnings and Cautions—Read This First!

WARNING: For use in vehicles, it is the sole responsibility of the owner/operator of a vehicle with the eTrex Legend C installed to place and secure the device so that it will not interfere with the vehicle operating controls and safety devices, obstruct the driver's view of driving conditions, or cause damage or personal injury in the event of an accident.

Do not mount the unit over airbag panels or in the field of airbag deployment. Airbags expand with a rapid force that can propel objects in their path towards the vehicle driver or passengers causing possible injury. Refer to airbag safety precautions contained in the vehicle owner's manual.

Do not mount the unit in a place where the driver or passengers are likely to impact it in a collision. The mounting hardware provided by Garmin is not warranted against collision damage or the consequences thereof.

WARNING: When used in vehicles, it is the sole responsibility of the driver of the vehicle to operate the vehicle in a safe manner, maintain full surveillance of all driving conditions at all times, and not become distracted by the unit to the exclusion of safe driving practices. It is unsafe to operate the controls of the unit while you are driving. Failure by the driver of a vehicle equipped with a eTrex Legend C installed to pay full attention to operation of the vehicle and road conditions while the vehicle is in motion could result in an accident with property damage and personal injury.

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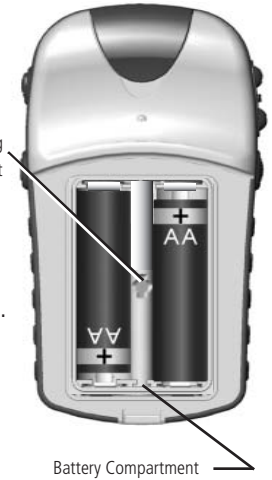
Installing the Batteries

The eTrex Legend C operates on two "AA" batteries (not included), which are located in the back of the unit. Alkaline or NiMH batteries may be used (see page 46 for setting the battery type). Stored data is not lost when batteries are removed.

To install batteries:

1. Remove the battery cover from the back of the unit by turning the D-Ring 1/4 turn counter-clockwise and pulling out.
2. Insert the batteries, observing the proper polarity. A polarity diagram can be found molded into the battery compartment.
3. Reinstall the battery cover by inserting the bottom slot over the tab at the base of the unit and reinserting the locking pin in the back of the unit. Turn the D-Ring 1/4 turn clockwise to lock in place.



Battery Installation and Start Up

Important Note

When replacing batteries, use only new or fully charged batteries. Do not mix Alkaline and NiMH batteries. Rechargeable batteries may typically display less capacity than disposable batteries.

Remove the batteries from the unit if you don't plan to use it for several months. Storing batteries in the unit for prolonged periods of time may result in leakage and damage to the battery compartment.

Follow the manufacturer's instructions for proper care and disposal of used batteries. Do not incinerate used batteries, as internal materials may ignite with explosive violence.

Extensive use of backlighting and/or WAAS as well as key beep tones will significantly reduce battery life.

To set backlighting intensity and timeout, see page 46.

To disable WAAS, see page 46.

To mute the beep tones, see page 47.

Key Functions

GPS Antenna
- Provides quick satellite acquisition.

IN/OUT Zoom Keys
- From the Map Page, press to zoom in or out.
- From any other page, press to scroll up or down a list or move a highlighted slider.

MENU/FIND Key
- Press and release to view the Options Menu for a page.
- Press and hold to display the Find Menu.

"Thumb Stick" ENTER/ROCKER Key
(Press down to Enter - move to the side or up/down to scroll, cursor or increase/decrease)
- Rock Up/Down or Right/Left to move through lists, highlight fields, on-screen buttons and icons, enter data or move the map panning arrow.
- Press in and release to enter highlighted options and data or confirm on-screen messages.
- Press in and hold at any time to mark your current location as a waypoint.

QUIT Key
- Press to cycle through the main pages.
- Press when using the on-screen keyboard to cancel.

POWER/LIGHT Key
- Press and hold to turn unit On/Off.
- Press and release to adjust backlighting, and to view date/time and battery capacity.

Unit Features

USB Connector Port (under weather cover)

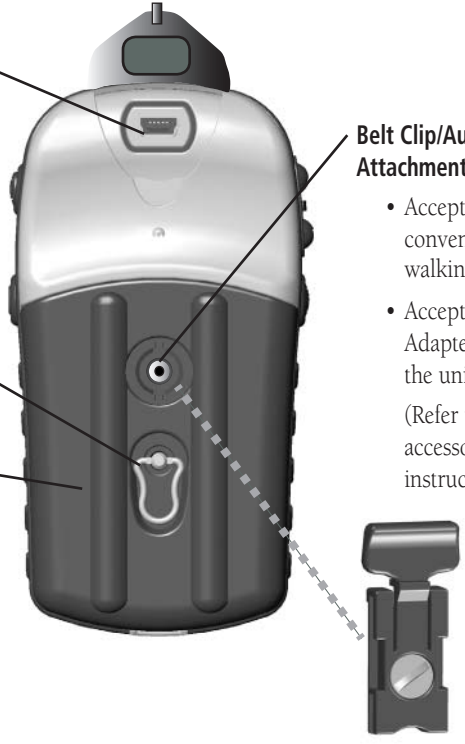
- Provides interface to a PC for faster data transfer.
- Provides auxiliary power via USB cable connection to a PC or from a cigarette lighter adapter cable with USB connector.

Battery Compartment Locking Ring

- Turn 1/4 turn counter-clockwise and lift to remove cover.

Battery Compartment Cover

IMPORTANT NOTE: Before connecting the unit to the USB Cable, install the USB Cable drivers included with the MapSource Trip and Waypoint Manager CD-ROM provided with this unit. Otherwise, your PC may attempt to auto-install USB drivers incompatible with the unit. Refer to page 73 for detailed instructions.



Belt Clip/Auxiliary Mount Adapter Attachment Location

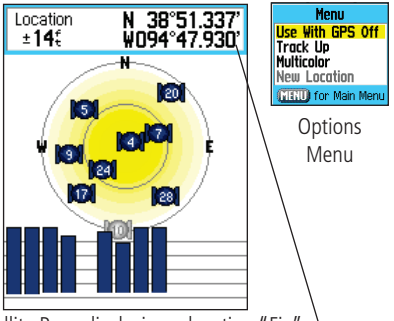
- Accepts a Belt Clip accessory for convenient access when hiking or walking.
- Accepts the Auxiliary Mount Adapter accessory supplied with the unit.

  (Refer to pages 65 and 66 for accessory listings and installation instructions.)

Auxiliary Mount Adapter
(Do not discard - retain for use with Garmin Auto, Bike and Marine Mount Accessories)

Initialization & the Satellite Page

The eTrex Legend C locates satellites above its position



Satellite Page displaying a location "Fix"

Starting Up the GPS Receiver

When you turn on the eTrex Legend C, the GPS receiver begins to search for satellites in order to determine (fix) its location. This process is called "initialization" and can take from 5 to 15 minutes the first time you use your unit. Thereafter, if you haven't moved more than 600 miles from your original location, it takes only seconds to minutes. In order to receive satellite signals, you must be outdoors and have a clear view of the sky. Satellite signals cannot pass through solid materials (except glass) or dense overhead tree cover. To shorten the time required for initialization, select "New Location" from the options menu, then use the Map Page to determine your general location so the eTrex Legend C can search for those satellites above you.

To initialize your eTrex Legend C:

1. Press and release the **POWER** key to turn on the unit.
2. Observe the "Power On" Page followed by the Satellite Page. The Satellite Page displays at Start-Up only; thereafter, it can be accessed through the Main Menu.
3. While the GPS receiver is searching for signals, a "Locating Satellites" message appears followed by an "Acquiring Satellites" message until enough signals are acquired to fix its location.

You can also see a sky view array of the satellites overhead with your position centered in the array. The outer circle represents the horizon and the inner circle a position 45° from the horizon. The numbers displayed indicate the number assigned to each satellite. A bar graph displays the strength of signals from each satellite.

4. When the receiver has signals from at least three satellites, the display at the top of the page changes to indicate position accuracy and location coordinates. The Status Bar at the top of the display indicates the GPS status and status of other features.

If, for any reason, you have difficulty initializing your eTrex Legend C, the solution could be as simple as moving slightly to avoid objects that are blocking or deflecting the satellite signals.

5. Press and release the **QUIT** key until the Map Page is displayed. You are now ready to begin GPS-aided navigation.

Active Navigation is supported by three of the Main Pages:

The **Map Page** graphically shows your current location, marks your route to a destination with a route line, and leaves a trail (track log) of where you've been.

The **Compass Page** indicates direction to go and direction of travel.

The **Trip Computer Page** records and displays travel data.

There are three methods of navigating to a destination when using the eTrex Legend C, each graphically displayed on the **Map Page**.

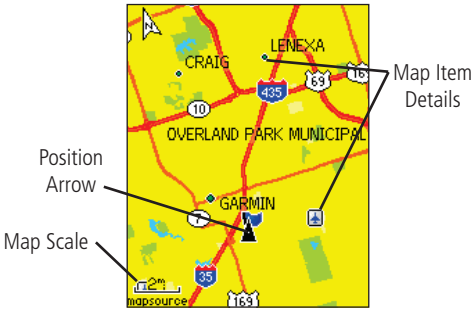
Go To - A direct path to a selected destination (waypoint, city, address, etc.).

Track - A previous path of travel that has been stored (logged) in the eTrex Legend C. A Track allows you to repeat a path or retrace the path.

Route - A path to a destination consisting of intermediate stops along the way (waypoints, cities, exits, points of interest, intersections, etc.).

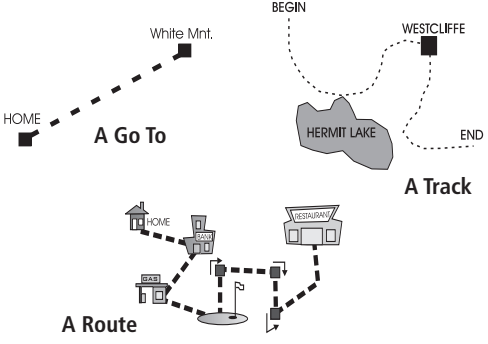
Refer to the sections on Tracks, Routes and Waypoints for details.

Initialization & The Satellite Page



Map Page with Current Position Arrow

Navigating with eTrex Legend C



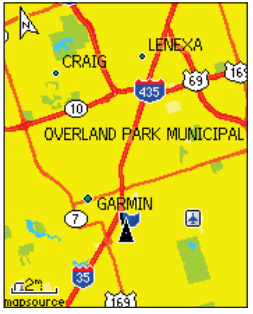
The Main Page Sequence

When you turn on the eTrex Legend C, you can see the Power On Page, followed by the Satellite Page (which displays only at start up), and then the Map Page. The Map Page is the first of the three Main Pages in sequence.

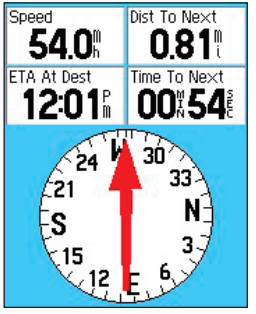
"Power On" Page

To view each Main Page:

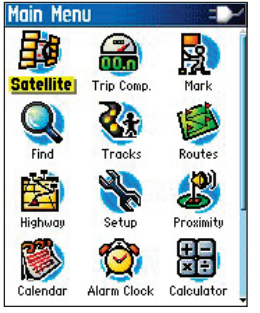
1. Press and release the **QUIT** key repeatedly to cycle through the pages.
2. With a page displayed, press the **MENU** key to display the list of options for that page.



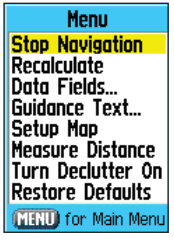
Map Page



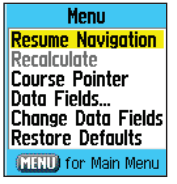
Compass Page



Main Menu



Map Page Options



Compass Page Options

There are no Main Menu Options at the Main Page level

Note: When navigating to a destination, the Active Route Page is added to the Main Page Sequence.

Status Bar, Backlighting and On-Screen Messages

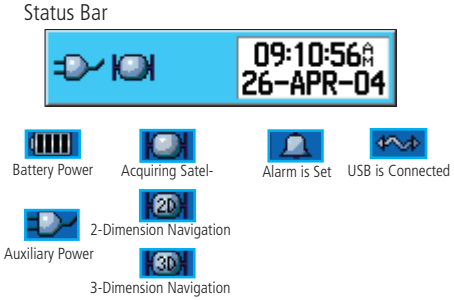
When you press and release the **POWER** key, the Backlight Brightness Adjustment Slider and a Status Bar with time and date displays current status information for several unit features.

- Power to the unit is provided either by the batteries or from an auxiliary source (DC Adapter). The Battery Power icon displays the remaining power as the battery becomes depleted.
- Satellite signal status is shown when searching for (acquiring) satellites, when a two-dimensional fix is attained, and when four or more satellites have been received (three dimensional fix).
- The Alarm Clock icon displays whenever the Alarm is set.
- The USB cable connection icon displays when the unit is in communication with a PC Universal Serial Bus.

You can adjust the backlight level by pressing the **POWER** key and releasing it. Then tap the **POWER** key or **ROCKER** key Up or Down to cycle through the levels of backlight adjustment. See page 46 for information on changing the display colors and backlight timeout and brightness levels. Backlighting is Off when you power up the unit. When On, it uses a significant amount of battery power.

Whenever a significant event in the operation of the unit occurs, an on-screen message appears to advise you of the occurrence. In each case, the condition is described and often a remedy provided. Press the **ENTER** key to acknowledge the message and close the window.

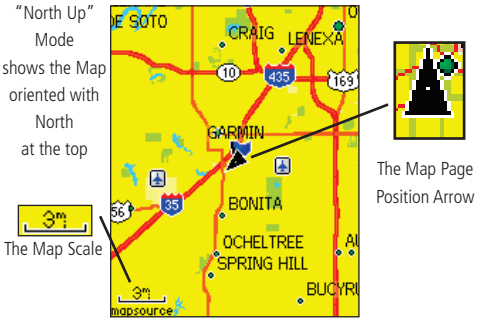
The Main Page Features

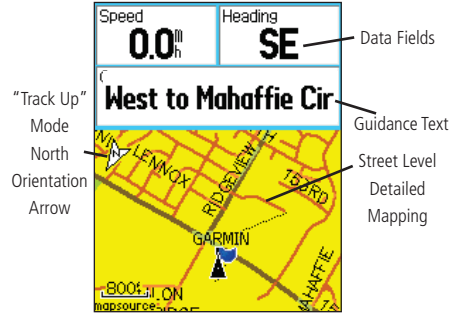


Backlight Adjustment Slider (Brightnesses varies according to battery power level.)

On-Screen Messages

The Map Page





The Map Page with Data Fields and Guidance Text

Using the Map Page

The Map Page is the primary navigation feature of the eTrex Legend C. The Map Page displays a detailed map of the area surrounding your current location. It allows you to pan the map with the **ROCKER** key and view your progress when navigating. When in the "Track Up" mode (oriented in the direction of travel), a north reference arrow appears at the top left corner to orient the map. When in the "North Up" mode the map is oriented like a paper map. When you activate the Track Log feature, your path of movement is indicated by a dotted line. The map display can be changed to "Night" mode for easier viewing in dim light. The factory set default automatically changes the display at sunrise and sunset.

The map also displays geographic details such as rivers, lakes, highways and towns. The maps to the left show a higher level of detail than the basemap provided with the unit (i.e. residential streets, parks, etc.) because Garmin MapSource® detailed mapping data has been downloaded from a CD-ROM program.

You can use the Map Page to do the following:

- Determine your current location and progress while moving.
- Select and save a map point as a waypoint.
- Locate and navigate to map items by following a Route displayed on the map.
- Customize the map display to your requirements.

Using Map Page Features

Use the Zoom **IN** and **OUT** buttons to change the map scale. You can show more map area with less detail or less map area with more detail. Press and hold to Zoom the map scale rapidly.

The map scale in the lower left hand side of the display is shown in units of measurement selected in the "Units" field of the Unit Setup Page. If you zoom in so far that the resolution of the map data is exceeded and the appearance of the map is no longer accurate, the word, "overzoom" displays just below the map scale. When using MapSource detailed maps, "mapsource" appears below the scale.

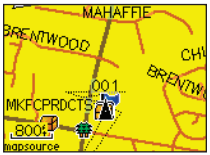
In many instances the map displays an "Accuracy Circle" surrounding the "Position Icon." The eTrex Legend C uses both map resolution and GPS accuracy in defining your location to a point within the circle. The smaller the circle, the more accurate your location.

When using the "Pan Map" feature, a small outline arrow (Panning Arrow) can be moved about the page to highlight and identify map items or to scroll the map to view areas not shown on the display screen. If there is more than one map item under the Panning Arrow. A list of those items displays with the item highlighted on the map and on the list.

Optional data fields can be added at the top of the display to provide a variety of travel and navigational information, see pages that follow.

When navigating, Guidance Text is displayed at the top of the map.

The Map Page



Zoom In

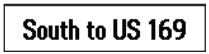
Zoom Out

Map Features

Map Scales

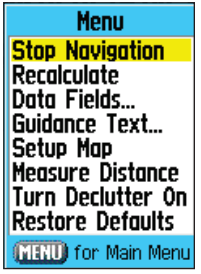
Accuracy Circle

Panning Arrow



Guidance Text

The Map Page



The Map Page Options Menu

A Quick Look at the Map Page Options

Stop Navigation - Stops navigation and is disabled when there is no active navigation.
Recalculate - Recalculates a route and is disabled when there is no active navigation.
Data Fields - Allows two to four fields to display at the top of the page showing Speed, Heading, Elevation and Time.
Guidance Text - Displays messages on the screen to advise you of your next navigation move when navigating to a destination.
Change Data Fields - Allows you change data field types.
Setup Map - Access to six pages of Map display settings so you can customize the map to your preferences.
Measure Distance - Measures the distance from your current location to the Map Pointer.
Turn Declutter On - Eliminates the display of items on the map that can block out road details when the map is zoomed out.
Restore Defaults - Returns the map display to the factory set map display defaults.

The Map Page Options Menu

The Map Page can be changed to display a variety of information for navigation. You can stop navigation to a destination and arrange up to four data fields to display the type of navigation information you desire. Include a navigation guidance text message on the map page. You can select the type of data fields to display and change the way the map displays items by selecting your own settings for text size, what items are displayed and more. You can display the distance from your current location to other locations on the map and reduce the amount of map clutter (map item icons and names) to increase the visibility of roads and other geographic features. You can restore the Map Page display to the factory default settings.

To arrange the Map Page:

1. With unit turned On, press and release the **QUIT** key until the Map Page displays.
2. Press the **MENU** key to display the Map Page Options Menu.
3. Use the **ROCKER** key to select the feature you want to use to customize the Map Page and press the **ENTER** key.

Some of these options contain sub-menus that allow you to further control how the option is used.

The pages that follow discuss each option in detail.

To display Data Fields:

1. With the Map Page Options Menu displayed, use the **ROCKER** key to highlight the Data Fields option and press **ENTER**.
2. Observe the sub-menu options: "Map Only," "2 Data Fields," "3 Data Fields" and "4 Data Fields."

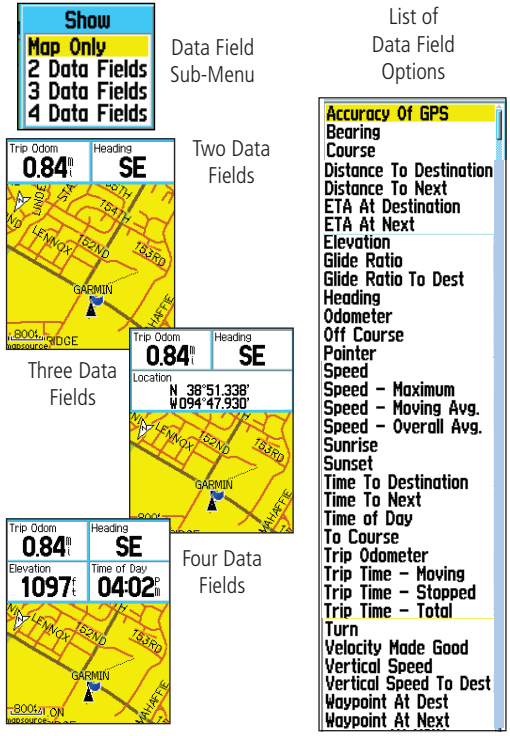
   You can choose to leave the Map Page as is (full page map), or add two, three or four navigation data fields.
3. Highlight your choice and press **ENTER**.

To change Data Fields:

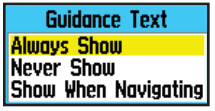
1. After you display the data fields, a "Change Data Fields" option appears on the options menu when you press the **MENU** key.
2. Select this option and press **ENTER**.
3. Press **ENTER** again to select from a list of types of navigation data to display in the first data field.
4. After making your selection and entry, use the **ROCKER** key to move to the next field and repeat the process.

For an explanation of what each option represents, see page 69 of the Appendix.

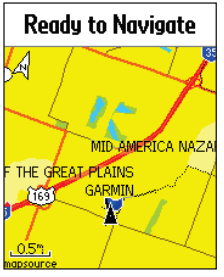
The Map Page



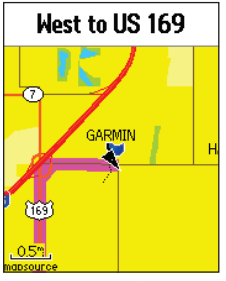
The Map Page



Guidance Text Options Menu



GPS Status Message when not navigating



Guidance Message when navigating

To display Guidance Text:

1. With Map Page displayed, press the **MENU** key to display the Map Page Options Menu.
2. Highlight the Guidance Text Option and press **ENTER** to display the Guidance Text Options Menu.
3. Select the desired option "Always Show," "Never Show" or "Show When Navigating" then press **ENTER** to activate.

If you select "Always Show," a guidance message is always displayed whether or not you are navigating.

If you select "Show When Navigating," a guidance message is displayed until you select "Stop Navigation" from the Options Menu.

Guidance Text shows you useful information when using one of the navigation methods described on page 5. If you select "Always Show" and you are not navigating, the message field displays GPS Status information.

To set up the Map:

Refer to the "Map Setup" section on page 48.

Measuring Distance

This Map Page option allows you to determine the distance to a point on the map from your current location. Access the Map Page Options Menu, select "Measure Distance" and press **ENTER** to activate. To measure between two selected points on the Map, move the Map Pointer to the first map point you want to measure from, press **ENTER** and then move the Map Pointer to the second map point. Press **QUIT** to cancel.

Turning Declutter On/Off

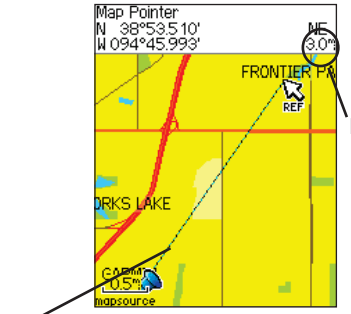
This Map Page option allows you to remove map item titles and icons that clutter the view of roadways, especially when the map is zoomed in.

To turn Declutter On, access the Map Page Options Menu, select "Declutter On" and press **ENTER** to activate. Do the same to cancel the "Declutter" option.

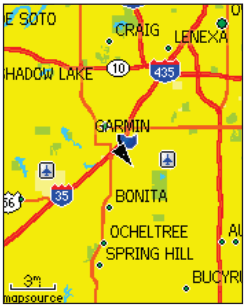
Restoring Default Settings

This option allows you to return the map settings to factory settings.

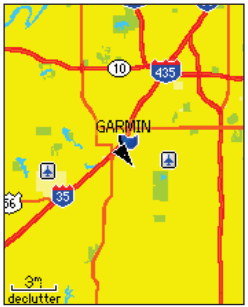
The Map Page



The "Measure Distance" Option Enabled

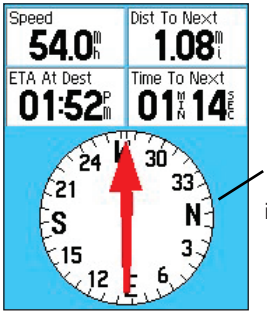


Map Declutter "Off"



Map Declutter "On"

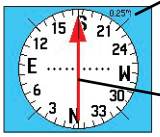
The Compass Page



The Compass Ring moves to indicate North orientation when you are moving.

Compass Page

Scale



The Course Pointer indicates your course of travel and the distance you drift off course.

Course Pointer

The Bearing Pointer always indicates the direction to your destination.

Bearing Pointer

Using the Compass Page

The Compass Page is your guide to accurate and efficient navigation. It uses traditional navigation displays to provide navigation information.

When navigation is in progress, the Compass Page provides navigation data and directions. It uses a graphic compass display, a bearing pointer and digital data fields to display information such as current speed, distance to the next point on the route, estimated arrival time, etc. You can choose from three or four data fields and select the type of data displayed in each from a list of options.

When moving, the rotating graphic compass indicates the direction you are heading. The Bearing Pointer indicates the direction (bearing) to your destination relative to your current heading direction. The compass dial and Bearing Pointer work independently to show your direction of movement and the direction to your destination. You can choose between a Bearing Pointer or a Course Pointer for guidance.

The compass does not function as a magnetic compass when you are stationary. However when you move, the dial rotates to keep you oriented in relation to North. This is especially helpful when using a paper map in conjunction with your unit for navigation.

To use the Compass Page Options:

1. Press the **MENU** key to display the Options Menu.
2. The first option is "Stop Navigation" which can be highlighted and activated by pressing **ENTER** to stop navigating.
3. The second option is "Course Pointer" or "Bearing Pointer."

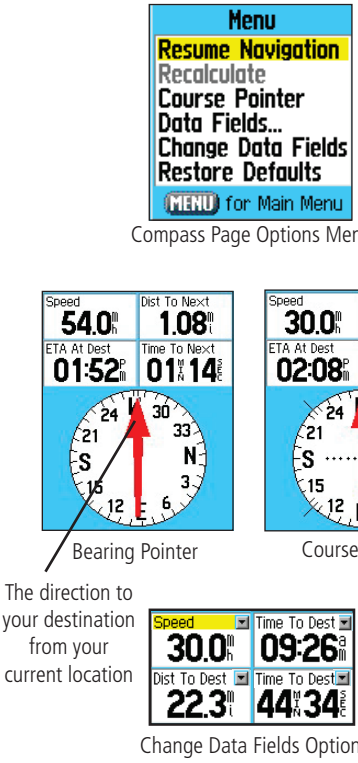
The Bearing Pointer and Course Pointer work independently of each other, one indicating the direction to your destination and the other indicating your relationship to a course line leading to the destination.

If the Bearing Pointer arrow is pointing straight up, you are going directly to your destination. If it points in any other direction, turn towards that direction until the arrow is pointing up and then continue in that direction. The Bearing Pointer always points to the destination, no matter what direction you are moving and is most efficient if you must move around obstacles like lakes, private property, etc.

If you are using the "Course Pointer" option instead and you drift away from the line of travel from your original location to your destination. The Course Deviation Indicator (arrow with horizontal dotted line) provides graphic indication of drift (right or left) according to the scale displayed at the edge of the compass ring.

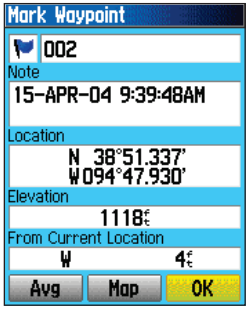
4. The third option is "Data Fields." Highlight the data fields option and press **ENTER** to display the data field display options.
5. The next option is "Change Data Fields" which allows you to determine what data is displayed in the fields. Refer to page 11 for details on changing data fields.

The Compass Page

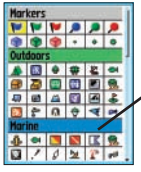


Using Waypoints

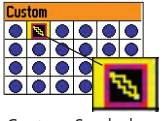
Press and hold the ENTER/ ROCKER key to display the Mark Waypoint



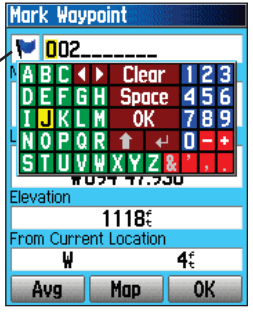
Mark Waypoint Page



Symbols Chart



Custom Symbol



Naming a Waypoint

The Mark Waypoint Page

The Mark Waypoint Page allows you to mark and record your current (or any other) location as a waypoint and displays name for that waypoint and a waypoint symbol. You can mark your current location at any time.

To mark your current location as a waypoint:

1. Press in and hold the **ENTER** key to view the Mark Waypoint Page.
2. To change the name of the waypoint, use the **ROCKER** key to highlight the waypoint name field and press **ENTER** to display the on-screen keypad. Use the **ROCKER** key and **ENTER** key to select a name for the waypoint. If you choose a name that has already been used, a "Waypoint Already Exists" message appears.
3. To assign an identifying symbol to a waypoint, use the **ROCKER** key to highlight the symbol block next to the waypoint name and press **ENTER** to display the Symbols Chart.
4. To save the waypoint to the Find Menu Waypoints List, highlight "OK" and press **ENTER**.
5. If you do not want to save it as a new waypoint, press the **QUIT** button to cancel.

Custom Waypoint Symbols

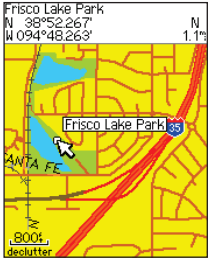
At the bottom of the Waypoint Symbols Chart is a group of custom waypoint symbols that can be assigned a unique design. Access the Garmin website *http://www.garmin.com/ximage* to download the xImage transfer program. From there, the xImage help files provide instructions for customizing waypoints and downloading screen shots from your unit.

Using Waypoints

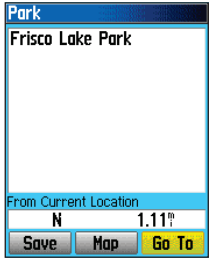
To create a waypoint using the Map Panning Arrow:

1. With the Map Page displayed, move the panning arrow (map pointer) to the map item you want use as a waypoint. If there is information in the mapping database for that location it highlights momentarily and display a name or address.
2. Press **ENTER** to display the item information page. With the Waypoint Information Page displayed, highlight the "Save" button at the bottom of the page and then press **ENTER** to save it to the Find Menu Waypoints List.

   If the map selected does not contain any information, a message appears, stating "No map information at this point. Do you want to create a user waypoint here?". Select "Yes" and press **ENTER** to display a new waypoint page.



Map Item selected as a Waypoint



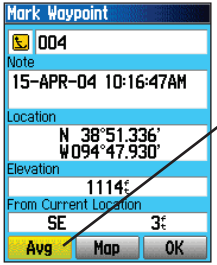
Information Page for a Map Point with Data

Averaging a Waypoint Location

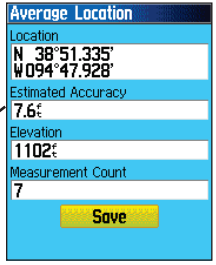
A waypoint location can be averaged over time for more accuracy, but only while the GPS has a fix on the location and before saving it.

To average a Waypoint Location using measurements over time:

1. With the "New Waypoint" information page displayed, highlight the on-screen "Avg" button and press **ENTER** to average.
3. Select "Average Location" and press **ENTER** to display the Average location Page. It begins to average automatically.
4. Highlight the "Save" button and press **ENTER** when desired.

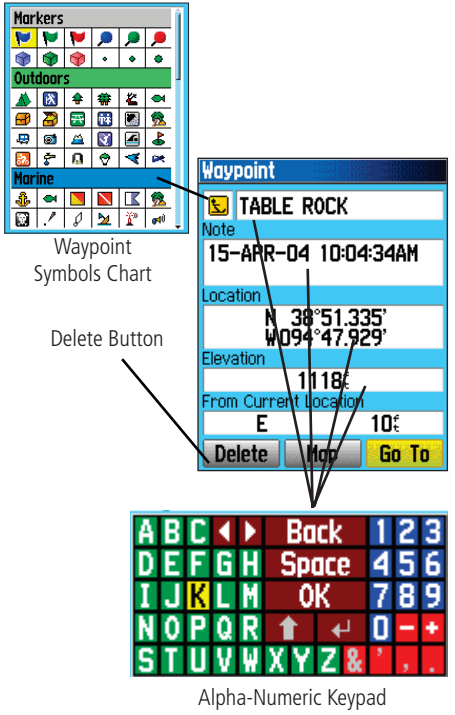


Mark Waypoint Page



Average Location Page

Using Waypoints



Editing a Waypoint

A waypoint can be selected from the Find Feature Waypoints list and edited to change the map symbol, name, location coordinates, elevation or to delete it. Refer to page 21 for details on using the Find Feature.

To edit a Waypoint:

1. Use the Find Feature to display the desired waypoint information page.
2. Make changes as required by highlighting each field and using the waypoint symbol chart and alpha/numeric keypad to enter new data.
3. Press the **MENU** key to close and save the changes.

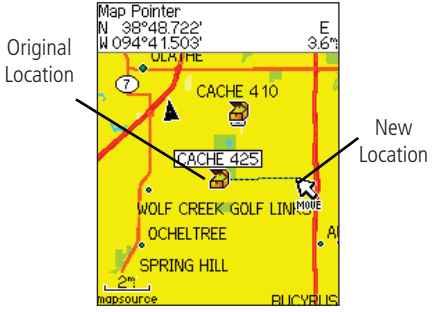
To delete a Waypoint:

1. Use the Find Feature to display the desired waypoint information page.
2. Highlight the "Delete" button at the bottom of the page and press **ENTER**. Answer "Yes" to the pop-up prompt and press **ENTER** to delete.

Using Waypoints

To move a Waypoint on the Map Page:

1. Use the Find Feature to display the Information Page for the desired waypoint (refer to page 23).
2. Highlight the "Map" button at the bottom of the page and press **ENTER** to display the waypoint on the map.
3. Press **ENTER** again to place a "Move" marker next to the waypoint.
4. Use the **ROCKER** key to drag the waypoint to the desired location on the map and release to place it there. Then press **ENTER**.



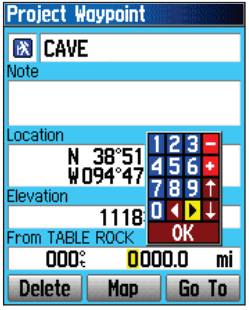
Moving a Waypoint

Projecting a Waypoint

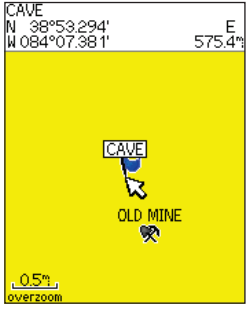
Projecting a waypoint from any map item (another waypoint, etc.) allows you to establish a new waypoint that is a certain bearing and distance away from that map item.

To project a waypoint:

1. Select an item from the Find Menu and display the Information Page.
2. Press the **FIND** key to display the Options Menu and select "Project Waypoint."
3. Press **ENTER** to display the Project Waypoint Page.
4. Enter the distance and bearing to the projected waypoint in the appropriate fields at the bottom of the page and press the **MENU** key to save and exit.



Project Waypoint Page



Projected Waypoint on the Map

Using Find

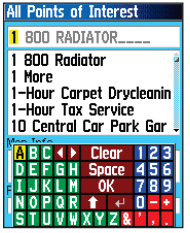
Press and hold the MENU/FIND key to display the Find Menu

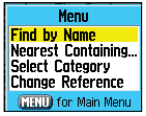
Find Menu

Auto Ordering Option places the last selected category at the top of the page.

Find By Name Option

Options Menu for Waypoints





Options Menu for groups with Sub-Categories

Using the Find Menu

The Find Feature provides you with a method for searching for Cities and Exits which are included in the eTrex Legend C basemaps. If you have downloaded Garmin MapSource mapping data that contains additional map detail, you can search for Points of Interest, Addresses and Intersections. If you download BlueChart® data,* you can find detailed Marine items such as Wrecks and Obstructions, NAVAIDS, and Anchorages. If this additional data is not loaded, these options are not available. Waypoints and Geocache Points are items you can create and add to the Find Menu.

Searching for a map item is simplified because the map database is separated into groups, which are shown as icons on the Find Menu Page.

- When you access a Find group list, by default it contains only those items near your current location or the Panning Arrow (if active).
- To save effort in searching again for an item already found, you can use the "Recent Finds" group, which contains a list of 50 last found items of all categories.

The options menu for each map item group offers its own unique search options such as "Find By Name," "Find Nearest," "Select Symbol" (for Waypoints), "Change Reference" (by moving the map Panning Arrow to a new location), "Nearest Containing" (a key word you enter) and "Select Category" (for those groups such as Food and Drink, Lodging, etc.). Using these options can effectively shorten your search.

** Refer to the Garmin website: http://www.garmin.com//cartography/mapSource/ bluechartCD.jsp*

Searching for a location using Find By Name

If you know the name of the location you want to find, the Find By Name search option may be the easiest method of searching.

To find a location using Find By Name:

1. Press and hold the **MENU/FIND** key to display the Find Menu.
2. Use the **ROCKER** key to highlight the Group icon for the type of item you want to search for and press **ENTER** to display the page. Or, if you want to search the entire item database, select "All Points of Interest."
3. Press the **MENU** key to select "Find By Name."
4. Use the **ROCKER** key and **ENTER** key to operate the keypad at the base of the display and enter the name of the location, when the list displays a match, highlight "OK" and press **ENTER** to go a list where you can select the item.
5. Next, the Information Page for that location displays.

Searching for a location using Recent Finds

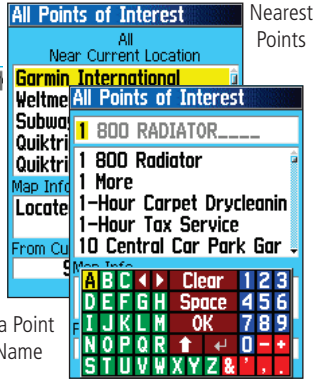
The Recent Finds Page saves all of your most recent searches in a list. Your last found location appears at the top of the list. When you exceed the number of entries the list can hold, the oldest is deleted.

To return to a recently found item:

1. With the Find Menu displayed, use the **ROCKER** key to highlight the Recent Finds icon and press **ENTER** to display the Recent Finds List.
2. Use the **ROCKER** key to select the list item you want view and press **ENTER** to display the Information Page for that item.

Using Find

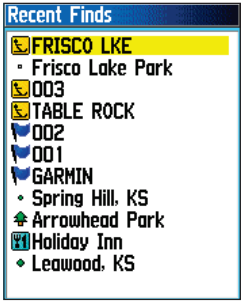
"Finding" icon displays while searching



Nearest Points

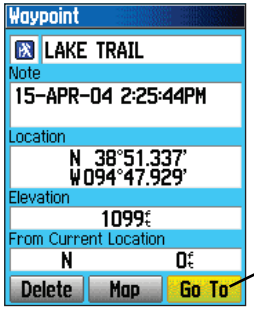
Find a Point By Name

Pressing and holding the FIND key with Find Menu displayed will take you to this page.

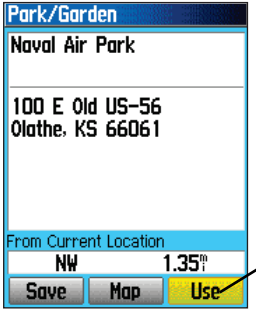


Recent Finds List

Using Find



Information Page for a Waypoint



Information Page for a Map Item

Using the Find Item Information Page

When you select a Find item and press the **ENTER** key, an Information Page displays with detailed information about the item. This page contains the following information:

- A title (if a waypoint, it can be renamed and a map symbol assigned).
- An information field (if a waypoint, information you add, if a map item, an address or other description).
- Location coordinates, if the item is a waypoint.
- Elevation and depth, if a waypoint.
- Direction and distance from current location or the map pointer.

At the bottom of the page are three on-screen buttons. These buttons appear differently depending on whether you are selecting a Find item to navigate to or adding a Find item to a route list as a waypoint.

- If selecting an item as a destination, the buttons display as follows:

  Delete - remove from the Waypoints list.

  Map - display on the Map Page.

  Go To - start a Go To navigation.

- If selecting an item to add to a list of points, these three buttons are displayed.

  Save - save as a waypoint.

  Map - display on the Map Page.

  Use - insert into a list of points on a route.

Using Find

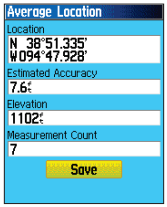
The Find Information Page Options Menu offers eight options for using a Find Item as a tool for navigation.

To use the Find Item Information Page Options Menu:

1. With an Information page displayed for a Find item, press the **MENU** key to display the Options Menu.
2. Use the **ROCKER** key to highlight the desired option and press **ENTER**. The following items appear in the Options Menu:

- **Average Location** - Used when marking waypoints only, it samples a waypoint location over time and averages the result for a more accurate position reference.

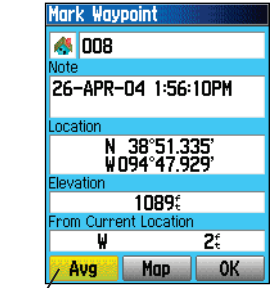
  (Refer to page 18 for detailed information on Location Averaging.)



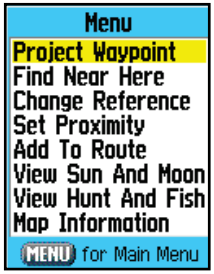
- **Project Waypoint** - Create a new waypoint by entering a bearing and distance from this point.

  (Refer to page 20 for detailed instructions.)

- **Find Near Here** - Returns you to the Find Menu, where you can search for map items near this point.



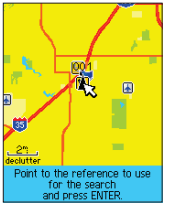
Mark Waypoint Information Page Options include "Average Location"



Mark Waypoint and Find Map Database Item Information Page Options

Using Find

- **Change Reference** - Point to a new location on the map Page using the Panning Arrow and press **ENTER**.

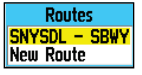


- **Set Proximity** - Program an alarm to sound when you are within a specified radius of an item defined by the Information Page.

  (Refer to the Section on Proximity Waypoints on page 55 for detailed information.).

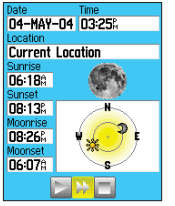
- **Add To Route** - Include this item on a New Route or add it to an existing route.

  (See "Using Routes" page on 39 for details.)



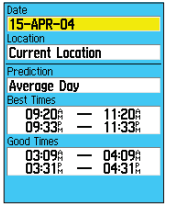
- **View Sun and Moon** - View the Sun and Moon tables for this item location.

  (Refer to page 59 for detailed information about the Sun and Moon Tables.)



- **View Hunt and Fish** - View the Hunt and Fish tables for this item location.

  (Refer to page 60 for detailed information about the Hunt and Fish Tables.)



- **Map Information** - Displays information about the map that the item originated from.

  (Refer to page 74 of the Appendix for information about downloading detailed maps.)

Searching for a Waypoint

The Waypoints List is your storage file for all created and saved waypoints. Waypoints are stored in alpha/numerical order and are also identified by a symbol assigned from a list of symbol types. Waypoints can be selected as destinations and added as points on a route.

To find a Waypoint:

1. Press and hold the **MENU/FIND** key to display the Find Menu.
2. Highlight the Waypoint icon and press **ENTER** to display the Waypoints List.
3. Use the **ROCKER** key to scroll up and down the list to find a waypoint. If the list is large, you can press the **MENU** key to display a list of the following search options.

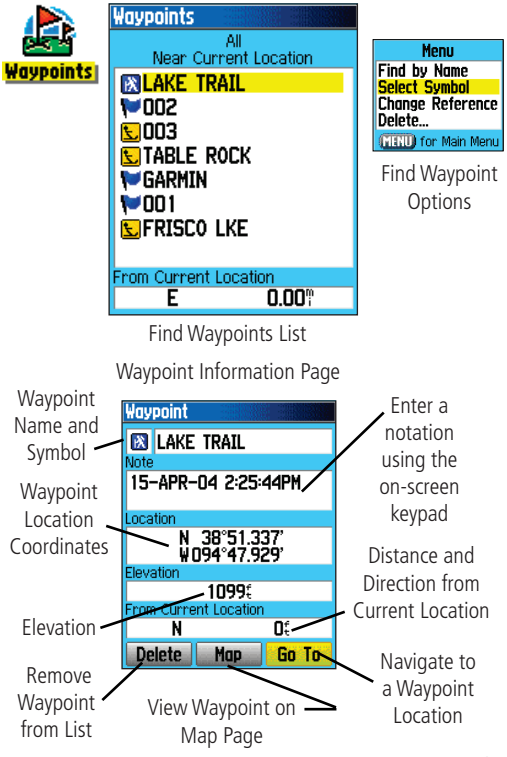
   "Find By Name" allows you to enter the name of the waypoint in a search field.

   "Find Nearest" allows you to list only those waypoints near your current location.

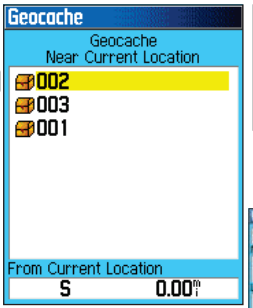
   "Select Symbol" allows you to search for only those waypoints of a specific type.

   "Change Reference" allows you to use the Panning Arrow to select a point on the map other than your current location.
4. Once you find a waypoint, press **ENTER** to view the Waypoint Information Page. You can edit the data or select "Go To" to navigate to the waypoint.

Using Find

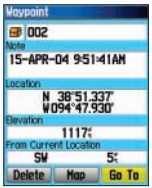


Using Find

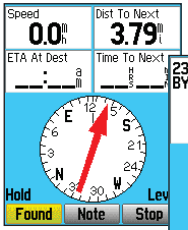


Find Geocache List

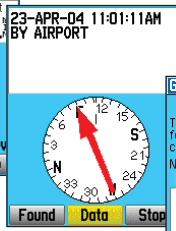
Options Menu



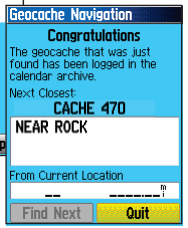
Information Page



Use the "Found" button when you reach a geocache.



Use the "Data" button for information about a geocache.



"Find Next" Option

Searching for a Geocache

The Find Geocache feature allows you to view the list of geocache locations that you have created using the eTrex Legend C or downloaded from your computer. A geocache location is actually a waypoint with a special geocache symbol assigned to separate it from others on the waypoints list. For more information on creating a geocache point, refer to "Geocache Setup" instructions on page 52.

To find a Geocache:

1. Press and hold the **MENU/FIND** key to display the Find Menu.
2. Use the **ROCKER** key to highlight the Geocache icon and press **ENTER** to display the Geocache List. You can display either found geocaches or those that have not been found.
3. Use the **ROCKER** key to highlight the desired geocache in the list and press **ENTER** to display the information page.
4. Highlight the "Go To" button and press **ENTER** to navigate to the geocache location. When you navigate to a geocache, the Compass Page changes to "Geocache Navigation" mode and any additional information about downloaded cache location is displayed in the field.

Note: When you find a geocache, the unit marks the cache as found, logs an entry into the calendar and provides an option that, when activated, shows the next nearest cache.

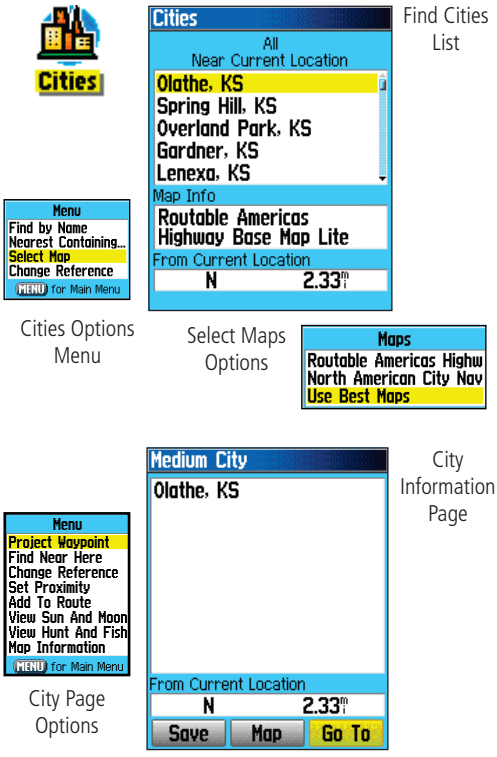
Searching for a City

The Find Cities feature allows you to search for any city listed in the mapping database (either in the basemap or from downloaded detailed mapping data).

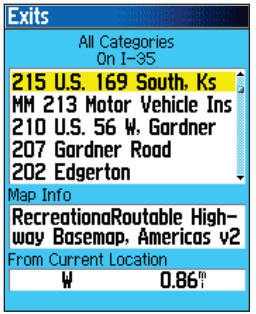
To find a city:

1. Use the **ROCKER** key to select the "Cities" option, then press **ENTER** to display the find by "Nearest" list of cities.
2. Use the Options Menu to find a city "By Name," by entering a key word for "Nearest Containing," use "Select Map" to select a different map to search from or "Change Reference" from your current location using the Map Pointer.
3. If using find "By Name," begin spelling the name of the city by using the keyboard. When you have entered enough characters to define the name, the keyboard closes and a match list of cities displays. Scroll through the list to find the city you want. If using "Nearest Containing," use the keyboard to enter a key word to display a list of cities using that word.
4. Use the **ROCKER** key to select the desired city from the list and then press **ENTER** to display the Information Page for that city.
5. With the Information Page displayed, you can select from "Go To," "Map" or "Save" options.

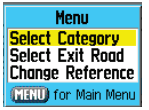
Using Find



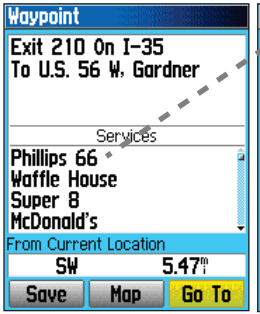
Using Find



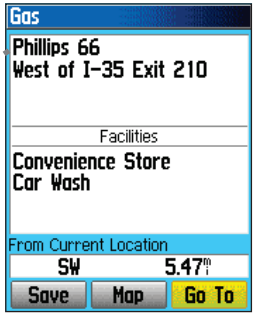
Find Exits List



Options Menus



Exit Information Page



Exit Services Info Page

Searching for an Interstate Exit

The Find Exits feature allows you to search for the nearest Interstate Exits.

1. Press and hold the **MENU/FIND** key to display the Find Menu. Select the Exits icon, then press **ENTER** to display the Exit List.
2. Highlight and select an exit type by pressing **ENTER**. A list of exits nearest to you displays. The title box indicates the interstate highway which is served by the exits. Two fields at the bottom of the page indicate distance and bearing to the exit.
3. Scroll through the list to highlight the desired exit. Press **ENTER** to display the Information Page for that exit. This page contains the exit description with a list of available services near that exit along with the distance and bearing fields.
4. Use the **ROCKER** key to move to the list of services and highlight a selection from the list.
5. Press **ENTER** to display the Information Page for the selected service.

The Exit Services Information Page displays the name of the service, its direction from the exit, and a list of the services available.

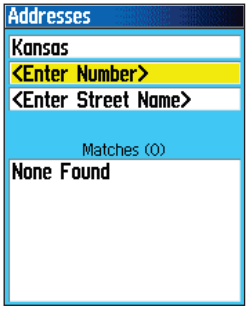
Searching for an Address

The Find Addresses feature allows you to search for an address if you have downloaded detailed mapping data. Enter the street number, street name and city and the Find Feature matches that data with addresses in the map database.

To find an Address:

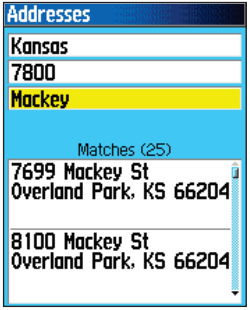
1. Press and hold the **MENU/FIND** key to display the Find Menu.
2. Highlight the Addresses icon and press **ENTER** to display the "Find Addresses" page.
3. If your unit has a GPS fix, the "Region" field at the top of the page is completed with your current region and the <Enter Number> field is highlighted. Identifying a city is not necessary as the database has information for the entire region.
4. Enter the Street Number "<Enter Number>" using the on-screen keypad. Select "OK" to enter the number.
5. Finally press **ENTER** to display the street list. Use the on-screen keypad to enter enough of the street name to display a match on the list below. For name streets, like Main or Elm, enter the core name instead of "E," "W," etc., to make the search faster.
6. When done, a list of matches appears below. Select one and press **ENTER** to display the Information Page.

Using Find



Search Clear Options

Find Addresses Search Page

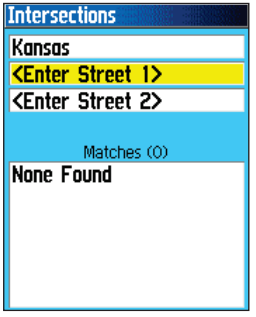


Find Address Matches

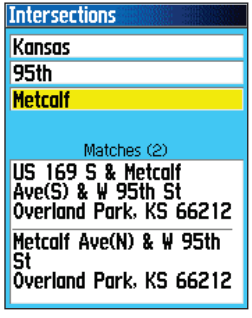
Address Information Page

Using Find

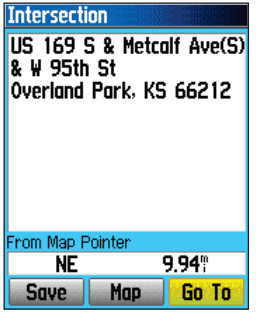
Options Menu



Intersections Search Page



Intersection Matches



Intersection Info Page

Searching for an Intersection

The Find Intersections feature allows you to search for an intersection if you have downloaded detailed mapping data. Enter the two street names and city and the Find Feature matches that data with intersections in the map database.

To find an Intersection:

1. Press and hold the **MENU/FIND** key to display the Find Menu.
2. Highlight the Intersections icon and press **ENTER** to display the "Find Intersections" search page.
3. If your unit has a GPS fix, the "Region" field at the top of the page is completed with your current region and the <Enter Street 1> field is highlighted. Identifying a city is not necessary, as the database has information for the entire region.
4. With <Enter Street 1> highlighted, follow instructions in step 6 of the previous page. Repeat for <Enter Street 2>.
5. Press **ENTER** to display the street list. Use the on-screen keypad to enter enough of the street name to display a match on the list below. For name streets, like Main or Elm, enter the core name instead of "E," "W," etc., to make the search faster.
6. When done, a list of matches appears below. Select one and press **ENTER** to display the Information Page.

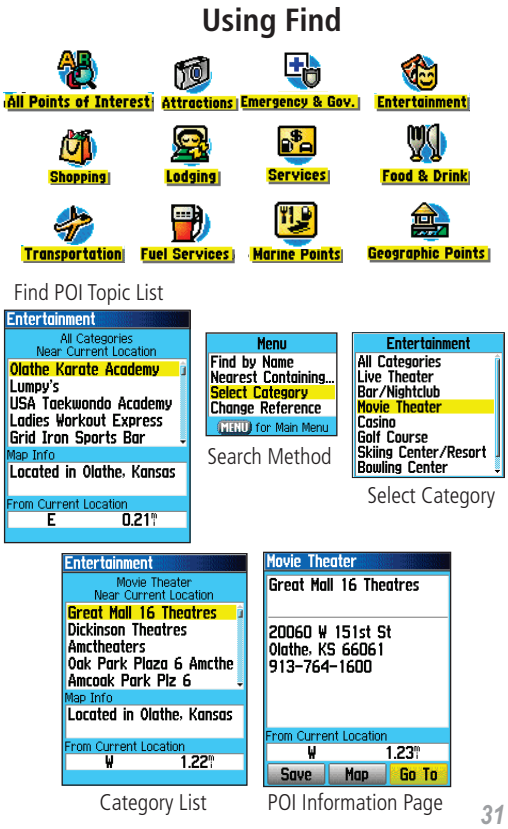
Searching for a Point of Interest

You can use the Find Point of Interest feature to locate a nearby restaurant, lodging, landmark, public building, park, etc. However, you must have downloaded MapSource detailed mapping that supports this feature otherwise; these options, plus Address and Intersection options, are not functional.

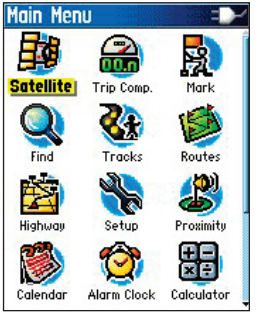
To find a point of interest:

1. Press and hold the **MENU/FIND** key to display the Find Menu.
2. Highlight a desired "Points of Interest" icon and then press **ENTER** to display the list of nearest points.
3. Press the **MENU** key to choose from search options or choose "Select Category" to narrow your search.
4. Highlight the desired item from the list and then press **ENTER** to display the Information Page for that item.

If you are searching for a restaurant that is part of a national chain, only the nearest restaurant to your location is displayed when you search using the "Find Nearest" method. If you search using the "By Name" method, then all of the locations for that chain in the mapping database will be displayed, with the closest to your current location listed first.



The Main Menu



The Main Menu is the directory for all unit features not in the Main Page sequence. Use the **ROCKER** key to highlight a feature name and then press **ENTER** to display the feature page.

- **Satellite -** This feature allows you to observe the status of overhead GPS satellites.
- **Trip Computer -** This feature provides a variety of useful travel and navigation data.
- **Mark -** This feature allows you to mark and record your current location as a waypoint.
- **Find -** This feature provides a method for searching for map items in the unit's basemap.
- **Tracks -** This feature allows you to maintain a record of your movements (track log) with information.
- **Routes -** Allows you to create a list of points that you wish to navigate to in a specific order and save for later use.
- **Highway -** A useful graphic perspective for navigating a route.
- **Setup -** Controls the settings for many of the unit operating system features.
- **Proximity -** Activates an alarm for a defined radius around a specified waypoint.
- **Calendar -** An outdoor calendar with data access and waypoint association.
- **Alarm Clock -** Allows you to use the eTrex Legend C as an Alarm Clock.
- **Calculator -** A standard or scientific calculator for measurement conversions, etc.
- **Stopwatch -** A multi-featured stopwatch.
- **Sun & Moon -** Sunrise and sunset times, moon phases and sun and moon positions for any given date and time.
- **Hunt & Fish -** A table of time frames for best hunting and fishing opportunities for any given location and date.
- **Games -** A series of challenging games, some incorporating GPS navigation.

Using the Trip Computer Page

The Trip Computer Page provides you with a wide variety of travel data that is useful when navigating long distances. It indicates your current speed, average speed, trip odometer and many other statistics useful for navigation.

You can customize the Trip Computer display to meet your personal requirements. Selecting the type of data to display is done in the same manner as for the data fields on the Map Page. (See page 11 for details.)

If you want to record new data for each trip, a "Reset" option is available. If you want to view significant trip data at a glance, you can use the "Big Numbers" option, which shows fewer fields with larger displays.

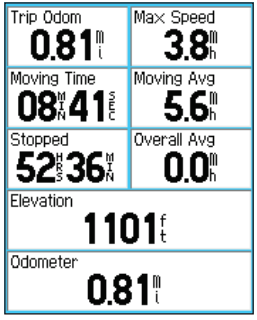
Before each trip, be certain to reset the trip information by highlighting "Reset" from the options menu and pressing **ENTER**.

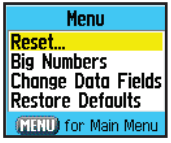
The Reset Page offers options for resetting trip computer data, clearing the Track Log and deleting Saved Tracks, Waypoints and Routes. This page allows you select individual items, select all and unselect all. Once your selections are made, highlight the "Apply" button and press **ENTER**. Answer "OK" to the Yes/Cancel prompt and press **ENTER** to complete the reset.

Selecting the "Restore Defaults" option returns the page to factory settings.

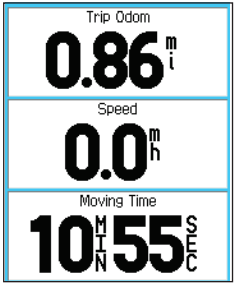
The Trip Computer Page

Select "Change Data Fields" or press the ROCKER key to highlight a field you want to change.



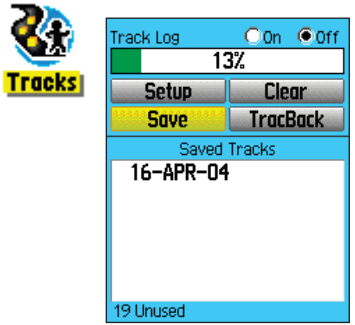


Options Menu



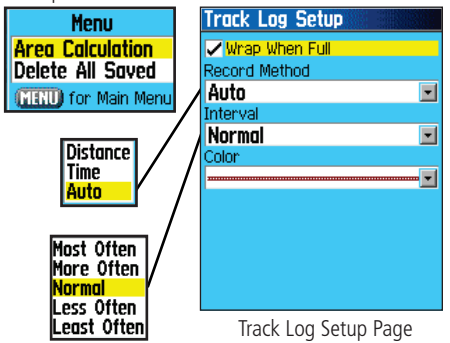
Big Numbers Option

Using Tracks



Tracks Page with Saved Track Log

Options Menu



Track Log Setup Page

Using a Track Log

The Tracks feature creates an electronic trail on the map page as you travel about and is referred to as a Track Log. A track log contains information about points along its path, including time, position and elevation.

Use a Track Log to do the following:

- Record your movements for a given time and place and save it.
- Measure the area of any space you encompass with a track.
- Retrace your path in either direction.

To create a Track Log:

1. Press and release the **QUIT** key until the Main Menu displays. Then use the **ROCKER** key to highlight the Tracks icon.
2. Press **ENTER** to display the Tracks Page. The page contains On and Off buttons to activate or cancel the Track Log and a Track Log meter which displays the percentage of track log space used.
3. Beneath the Track Log field are four on-screen buttons to "Setup" a track log, "Clear" the track log, "Save" a track log and activate the "TracBack®" feature for the current log.
4. To setup a track log, highlight the "Setup" button and press **ENTER** to display the Setup page. Check "Wrap When Full" to continue recording when full by overwriting the oldest data with new.

Using Tracks

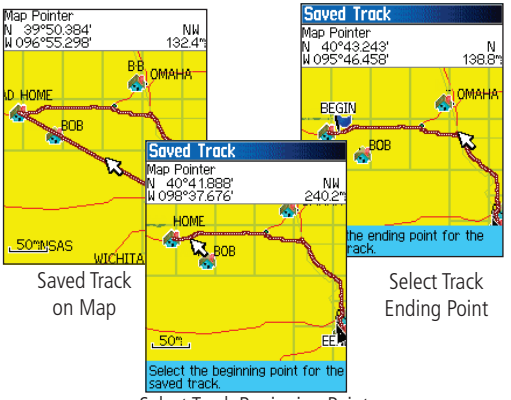
5. Highlight the "Record Method" field and press **ENTER** to display the Distance, Time and Auto options. Because a track is made of a series of points that define your path of travel, they can be placed a specified "Distance" apart or placed at a "Time" interval you specify. The "Auto" option allows you choose from five intervals.
6. Next, set the interval for setting track points. You can choose from distance, time or frequency values.
7. When completed, press the **QUIT** key to return to the Track Log Page.

To save a Track Log:

1. With the Tracks Page displayed, highlight the "Save" button and press **ENTER**. A message asks "Do You Want To Save the Entire Track?" If you select "Yes," a "Saving Track" message appears followed by the Saved Track Page. The new saved track is a representation of the entire track log from beginning to end.
2. If you select "No," a map showing the entire track appears and prompts "Select the beginning point for the saved track." Use the **ROCKER** key to move the Panning Arrow to the point on the track line that you want to become the beginning of the Saved Track and press **ENTER**.
3. The next prompt asks you, "Select the ending point for the saved track." Use the Panning Arrow to identify a point on the track that you want as the End Point and press **ENTER.** A "Saving Track" message appears followed by the Saved Track Page.

(cont. on following page)

Saved Track Page

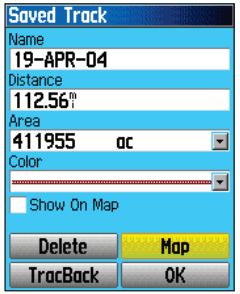


Saved Track on Map

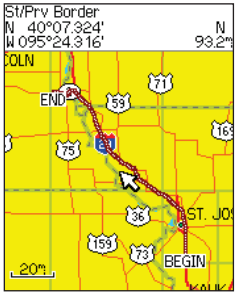
Select Track Ending Point

Select Track Beginning Point

Using Tracks

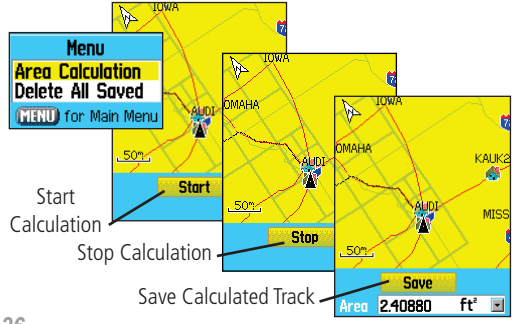


Saved Track Page



Saved Track on the Map Page

Area Calculation Option



Start Calculation

Stop Calculation

Save Calculated Track

4. The Saved Track Page allows you to rename the track, view the track distance, view the calculated area encompassed by the track (an area is defined even if the track is open ended) and specify a color for the track when displayed on the map page (Show On Map). On-screen buttons at the bottom of the page allow you to Save the track (OK), delete, view it on the Map, and navigate the track back to any point along the track (TracBack).

To view a Track on the Map:

1. With the Saved Tracks Page for the track or the Track Log displayed, highlight the Map button and press **ENTER** to display the Map Page.
2. A map showing the entire track appears with Begin and End markers. Any User Waypoints added to the Track are displayed as well.

To calculate the area of a Track:

1. With the Track Log Page displayed and the Track Log On, press the **MENU** key, highlight the Area Calculation option and press **ENTER**.
2. Press **ENTER** to start the calculation as you begin to move and define the area's boundaries. The page now displays a Stop button.
3. When you have completed defining the area, press **ENTER** to display the page with a Save button.
4. Press **ENTER** again to save the new track to the Saved Tracks List.